

ANTIBODIES SPECIFIC FOR A

CELL SURFACE MOLECULE MEDIATING CELL ADHESION

AND SIGNAL TRANSMISSION, CELLS SECRETING SUCH ANTIBODIES,  
AND METHODS OF MAKING AND USING SUCH ANTIBODIES

Abstract of the Disclosure

Novel cell surface molecules recognized by monoclonal antibodies against a cell surface molecule of lymphocytic cells that play an important role in autoimmune diseases and allergic diseases have been isolated, identified, and analyzed for their functions. The cell surface molecules are expressed specifically in thymocytes, lymphocytes activated by ConA-stimulation, and peripheral blood lymphocytes, and induce cell adhesion. Antibodies against the cell surface molecules significantly ameliorate pathological conditions of autoimmune diseases and allergic diseases.

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